NOAA
Weather Radio
National Weather Service

OWNER'S MANUAL
1770

WEATHER RADIO
LASER/RADAR DETECTOR

WHISTLER™

If you have questions concerning the operation of this Whistler product please call consumer relations:

1-800-531-0004
Hours:
Monday - Friday
8:00 am - 5:00 pm CT

Please keep the receipt in a safe place. If the unit is returned without a dated proof of purchase an out of warranty service charge applies. Note: Your warranty period begins at the time of purchase. The warranty is validated only by return of the Warranty Validation card.
Now is the time to record the serial number of the unit in the space provided in the warranty section of the manual.

INTRODUCTION

Dear Whistler Owner,

Thank you for purchasing the Whistler 1770 Laser/Radar Detector with NOAA Weather Radio alerts. We hope this product provides you a safer and more enjoyable time behind the wheel of your vehicle.

Whistler has added a number of useful features to its class-leading radar detector. The 1770 scans all seven (7) frequencies of the NOAA Weather Radio (NWR) system (as well as Weather Radio Service of Canada) and broadcasts reports and alerts for your driving area. In addition, the 1770 provides Safety Warning System® alerts and our unique Stay Alert™ feature. The 1770 also gives you complete protection with Whistler's All Band™ technology.

Even though the 1770 is packed full of features, it is still very easy to use. However, to fully utilize the unit to its potential, we recommend reading this entire manual.

Enjoy the Whistler 1770 and please drive safely.

Sincerely,

THE WHISTLER GROUP
We're Driving Technology
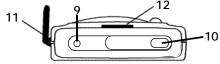
TABLE OF CONTENTS

WHISTLER FEATURES

Whistler 1770

Whistler's ergonomic and user-friendly design provides a new level of operating convenience. Special features include:

1. Bracket Release Button – Provides quick and easy release of the mounting bracket.

2. Speaker – Provides distinct audio and Real Voice™ warnings for X, K, Ka band radar, safety radar, laser, VG-2 and NOAA transmissions & alerts.

3. Power/Dim/Dark/Button – Turns unit on/off and engages Dim/Dark modes (press and hold for 2 seconds).

4. Volume Up/Down Buttons – Adjust volume up or down. In NOAA mode, select the next available weather channel. Pressing both buttons changes NOAA modes.

3

5. High Visibility Display – Provides distinct visual confirmation of signals detected, signal strength, and indicates engaged modes of operation.

6. Quiet/Menu/Button - Pressing QUIET before a signal is detected engages Auto Quiet Mode which automatically reduces the audio level after the initial warning to a low audio level setting. Pressing QUIET during a radar/laser encounter silences audio alerts, while allowing visual alerts to keep you informed. Pressing and holding for 2 seconds allows you to enter Option Select Mode (see page 18).

7. CITY/CITY 1/CITY 2 Button - Reduces the annoyance of false alerts typically encountered in urban driving areas.

8. Laser Antenna (Rear) - An integrated optical waveguide provides detection of laser signals transmitted from behind.

9. Power Jack - Provides connection for the power cord.

10. Laser Antenna (Front) - High gain optical lens provides increased sensitivity and field of view for leading-edge laser detection.

11. NOAA Antenna - Adjustable design allows for best reception of NOAA signals.

12. Mounting Bracket Location - Slot holds mounting bracket firmly.

4

Accessories
Accessories included are highly functional and easy to use.

Power Cord - Connects to the unit's power jack and your vehicle's lighter socket.

Windshield Bracket - Allows installation of unit on your vehicle's windshield.

Hook & Loop Fasteners - Designed to secure the unit on a level dashboard.
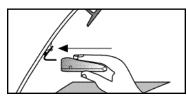
5

Mounting Guidelines
• Mount the unit as low and level as possible near the center of the windshield.
• Do not mount your unit behind wipers, ornaments, mirrored sunscreens, etc. These obstructions have metal surfaces which can affect radar and laser signals and reduce critical warning time. (Regular tinted glass does not affect reception.)
• Some windshields have an Instaclear™ or Electriclear™ type coating, which affect radar signals. Consult your dealer or the owner's manual supplied with your vehicle to determine if your windshield has this coating.
• Avoid placing unit in direct contact with windshield.
• To reduce the possibility of theft, conceal your unit when not in use.

Windshield Mounting
• Clean the two suction cups with a glass-type cleaner. Install them along with the rubber bumper onto the bracket by fitting them into their holes.
• Press the suction cups onto the windshield at the location you have chosen. **IMPORTANT: Some newer cars have a plastic safety coating on the inside of the windshield. The suction cups may leave permanent marks on this type of surface. To find out if your vehicle has this type of windshield, check the owner's manual or ask your dealer. We recommend that you do not leave the suction cup bracket on the window in direct sunlight. If the detector is removed, this may cause blistering of the dash in some vehicles.**

• Slide the detector onto the bracket until it locks into place.
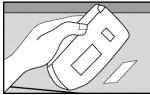• If necessary, the unit may be leveled by bending the wind-

shield bracket. Press the bracket release button and remove the detector before bending.
• Adjust the NOAA antenna such that it does not come in contact with the windshield.

Dash Mounting
• Make sure the mounting location you have chosen is relatively level and is clean and dry. Clean with isopropyl alcohol if necessary to remove any waxes or polishes.
• Separate the fastener strips. Peel the paper backing off each strip and adhere one piece to the dash and the other piece to the bottom of the unit, taking care **not to cover the serial number.**
• **NOAA reception may be adversely affected by mounting on dash board.**
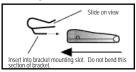

Be careful not to place the fastener strip over the unit's serial number. If the fastener strip is removed, the serial number may be pulled off the unit. Units without serial numbers are not covered under warranty.
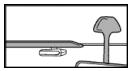
Visor Mounting (optional accessory)
- Slide the visor bracket into the bracket mounting slot.
- Clip the visor bracket onto the visor making sure it is relatively level and has a clear view of the road.
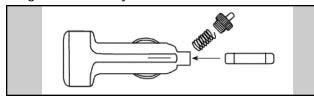

Power Connection
- Plug the small end of the power cord into the unit's power jack.
- Plug the large end into the vehicle's cigarette lighter.

Fuse Replacement
The lighter socket plug is equipped with a replaceable 2 amp 3AG fuse located behind the silver tip. To replace the fuse, carefully unscrew the tip of the plug. (**IMPORTANT:** Unscrew slowly. The tip contains a spring which may fly out when disassembling.) Insert the new fuse with the spring and screw on the tip. **With use, screw cap on plug may loosen. Retighten occasionally.**

Unscrew the tip of the lighter socket plug carefully when replacing the 2 amp fuse.

Power On And Self-Test
Each time your Whistler detector is turned on, an automatic self-test sequence confirms which features are programmed On or Off.

- Press Power or apply Power. Display reads:

Note: If any of the radar/laser bands are not displayed during the self-test, this means they were turned off in Option Select Mode (see page 18).

Integrated Real Voice™

When selected, Real Voice will be used to articulate the following:
1. Band Identification
2. Safety Warning System messages
Note: In certain cases the voice message does not replicate the text message.
3. Feature Selection
Note: NOAA is not affected by Real Voice™ selection.
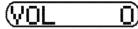
Memory/Beep Confirmation

All features selected (except Stay Alert and Quiet) are retained in memory. Each time a button is pressed one beep confirms feature **"on"**, two beeps confirm feature **"off"**.

Audio Level Adjustment

The audio levels can be adjusted high to low, or low to high, in nine steps: (0) is no audio level, (8) the highest.

• Press and Release Volume ⊼ up to increase audio one level.

• Press and Release Volume ⊻ down to decrease audio one level.

As audio level is adjusted, beeps are provided and the display indicates volume level. Example:

No Audio Level   Highest Level 8

Note: Volume for NOAA reception is independent of the laser/radar volume setting.

NOAA

The 1770 is programmed from the factory in "NWR STBY" mode. This allows the unit to receive laser/radar signals while scanning the seven (7) NOAA Weather Radio (NWR) broadcast channels. Weather announcements will only be heard if a weather warning or advisory is in your area. With a few exceptions, NOAA broadcasts can be received throughout the U.S. Many of the transmitters, however, are low powered (300 to 1000 watts) so reception may not always be clear. As with any radio transmission, range and quality of receptions can vary due to local terrain and atmospheric conditions. If you are camping, for example, it is best to switch the unit to NWR ON mode to see if a clear NOAA broadcast is received. If so, switch the unit back to NWR STBY mode for receiving emergency broadcasts only.
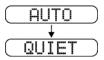
For more information on NWR functions and programming, see NWR Modes section on page 16. For more detailed information about NOAA, NWR transmitter information and other departments please visit their web site: www.nws.noaa.gov/nwr.

Auto Quiet Mode

Auto Quiet reduces the selected audio level to level (1) approximately 5 seconds after a radar or safety radar signal is detected. The alert for any new signal within 20 seconds will resume at level (1). Auto Quiet does not affect VG-2 or laser alerts.

• Press Quiet/Menu (before a signal is detected) to engage Auto Quiet. Display reads:

$$\boxed{\text{AUTO}}$$
$$\downarrow$$
$$\boxed{\text{QUIET}}$$

• Once the Auto Quiet mode is engaged, you may cancel the audio alarm by pressing Quiet.
• Press Quiet (when the unit is not alarming) to cancel Auto Quiet mode.
• NOAA is not effected by Auto Quiet. Auto Quiet mode is canceled if an NWR alert is received.
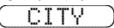
Quiet Mode

Quiet cancels audio during an alert and any new alert within 20 seconds. After 20 seconds, approximately 2 beeps are provided on any new alert and unit then remains quiet.

• Press Quiet to cancel the audio.
• Press Quiet a second time during an alert to restore the standard audio alert pattern; or turn the unit off, then on.
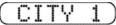
City/City 1/City 2 Mode

Whistler's Three Stage City Mode is designed to reduce the annoyance of automatic door openers, intrusion alarms and other devices which share frequencies with police radar. Generally X band is used for these devices.
• Press City to engage City. Display reads:

$$\boxed{\text{CITY}}$$

• Pressing City a second time engages City 1. Display reads:

$$\boxed{\text{CITY 1}}$$

• Pressing City a third time engages City 2. Display reads:

$$\boxed{\text{CITY 2}}$$

• Pressing City a fourth time cancels City, City 1, and City 2. Display reads:

$$\boxed{\text{HIGHWAY}}$$

In City Mode, weak speed/safety radar signals give an initial alarm of two beeps, and then remains quiet unless the signal becomes very strong. When the signal strength increases, two additional beeps are provided. In City 1 Mode, only the X band sensitivity is lowered. In City 2 Mode, X-band is not detected. **CAUTION:** When selecting this mode, some towns/small cities may still be using X band radar.
If Auto Quiet is engaged in City 1 or City 2 modes and the unit receives a strong radar signal, the unit performs the Auto Quiet feature. City Modes do not change the audio alert for laser, VG-2 or NOAA.

Dim/Dark Mode

Dim/Dark Mode reduces the illumination of the display.

• Press and hold the Power button for 2 seconds to reduce illumination to a Dim setting. Display reads:
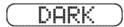
```
( DIM )
```

• Pressing and holding the Power button for 2 seconds a second time engages Dark Mode. Display reads:

```
( DARK )
```

Dim or dark can be engaged during an alert. In Dark Mode, the display goes dark for as long as a signal is being detected and for 20 seconds after, then the display returns to the dimmer setting.

• Pressing and holding the Power button a third time restores full illumination to the display.

Engaging/Disengaging VG-2

See option select mode to turn this feature on.

Stay Alert Feature

The Stay Alert Feature is designed to test a driver's alertness. To engage (when unit is not alarming):

• Press and hold the City button for approximately 2 seconds. Release the button during or immediately following the alert given. Display reads:

```
( RU ALERT )
```

Within 30-60 seconds two beeps are sounded; to show alertness, the driver must press either the ⬆ ⬇ (Volume), City or Quiet button within 3-5 seconds. If the button is pressed within 3-5 seconds, the cycle is repeated.

If a button was not pressed within 3-5 seconds alarm sounds and the display reads:

```
( GET REST )
```

• Press Power to exit.

WARNING!!! Stay Alert is NOT intended as a substitute for adequate rest. You should NOT operate a vehicle if you are drowsy. During extended periods of vehicle operation, you should take frequent breaks. Improper reliance on the Stay Alert feature may result in vehicle damage, personal injury or death. **NEVER OPERATE A VEHICLE IF YOU ARE DROWSY.**

NOAA Modes
• Changing NWR modes

Through the option select mode, (page 18) or by pressing both volume buttons simultaneously and release, the unit can be programmed to listen to NWR continuous weather reports while still searching for laser/radar signals (NWR ON) or the NOAA can be turned off completely (NWR OFF) while still being able to receive laser/radar signals.
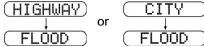
• NWR STBY

The laser/radar detector will function as normal (including displaying HIGHWAY or CITY modes), unless an NWR Alert is detected while scanning the seven (7) frequencies. In the event of an NWR Alert, the text display will show one of several warnings (i.e. FLOOD, TORNADO, EMERGENCY), and the speaker provides the NWR advisory message. At the conclusion of the NWR Alert, the 1770 returns to the stand-by mode.

HIGHWAY	or	CITY
↓		↓
FLOOD		FLOOD

• NWR ON

The 1770 auto scans to the first active channel it finds and broadcasts the NWR continuous weather report. The text display shows the NWR channel frequency, instead of the standard HIGHWAY/CITY message as shown below.

HIGHWAY
↓
162.400

16

• In the event that you are in an area that receives two or more NWR channels, you can scan for an alternate NWR channels by pressing and holding either ⌃ ⌄ volume button. Display read:

RESCAN

• After holding the volume button down for approximately 1.5 seconds, a feedback beep is provided. Upon release of the volume button, the 1770 will scan for the next active channel. If there are no other active channels in the area, the 1770 will return to the initial channel.

• A quick press and release of either volume button during a NOAA broadcast will adjust volume to the next level. Another press and release of either volume button will go to another level, etc, until either the min or max volume is reached. This volume setting is independent of the volume set while the unit is in radar mode (highway or city).

Squelch Mode

While receiving weak signals in NWR ON mode the audio may become intermittent. This is caused by the signal being too weak to be received clearly and the audio is squelched. To hear as much of the audio broadcast as possible, squelching can be turned off, static will be heard along with the audio broadcast. If this is desired, see the Option Select mode section on page 18 to turn the squelch (SQ) off.

17

Option Select Mode
Entering Option Select Mode allows you to customize options such as Tone Select, NOAA Select, Abbreviated Power Up Sequence and VG-2 Mode. When selecting options, the ⬆, ⬇ or Quiet must be pressed within 20 seconds or options mode will automatically be exited. To enter:

Press : Quiet	*Display Reads:	To Change, Press	Option:
For 2 seconds	COMBO	⬆ or ⬇	NWR STBY=Radar & NOAA NWR on=NOAA & Radar NWR off=Radar Only
2nd time	SQ ON	⬆ = ON ⬇ = OFF	Squelch ON Squelch OFF
3rd time	TONE 3	⬆ = YES ⬇ = NO	Tone 1, 2, or 3 (3 different X, K, Ka patterns)
4th time	Test ON	⬆ = ON ⬇ = OFF	X,K,KA Audio tones 1 beep during Power Up
5th time	X ON	⬆ = ON ⬇ = OFF	X Band On X Band Off
6th time	K ON	⬆ = ON ⬇ = OFF	K Band On K Band Off
7th time	Ka ON	⬆ = ON ⬇ = OFF	Ka Band On Ka Band Off
8th time	LASER	⬆ = ON ⬇ = OFF	Laser On Laser Off
9th time	VG-2 OFF	⬆ = ON ⬇ = OFF	Turns VG-2 On Turns VG-2 Off
10th time	SR ON	⬆ = ON ⬇ = OFF	Turns Safety Radar On Turns Safety Radar Off
11th time	VOICE ON	⬆ = ON ⬇ = OFF	Real Voice engaged Real Voice disengaged
12th time	B SVR ON	⬆ = ON ⬇ = OFF	Battery Saver On Battery Saver Off

*Factory settings.
Press power anytime to exit.

Teach/Tutorial Mode
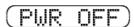Provides simulated alerts for each type of signal.
• Press the City and Quiet buttons simultaneously and release. Display reads:

```
( TEACH )
```

• Press the Power button to exit.

Vehicle Battery Saver Mode
The Vehicle Battery Saver Mode automatically shuts off your detector within 3 hours if you forget to turn it off. The timer is reset if the detector is turned off, unplugged or any button is pressed before the 3 hours have expired. The detector will alert you with an audible and visual warning before it shuts off. Display reads:

```
( PWR OFF )
```

During this warning you can momentarily reset the unit by pressing any button. This will reset the timer.

If the unit has automatically turned itself off, press the Power button to turn the unit back on. You can manually engage the Vehicle Battery Saver Mode by pressing and holding the City button until one beep is heard.
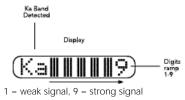
Refer to "Option Select Mode" for instructions for deactivating battery saver mode feature.

Speed Radar Audio/Visual Alerts
When X, K or Ka is detected the band ID and signal strength is displayed. The audio alert is continuous and has a geiger counter-like pattern. The faster the beep the closer or stronger the radar source. Example:

1 = weak signal, 9 = strong signal

Pulse Protection®
When a pulse type signal (instant on strong signal) is detected an urgent 3 second audio warning is sounded and the display reads:

After 3 seconds standard alert pattern continues.
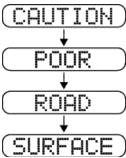
In communities where transmitters are located, the Safety Warning System displays over 60 text messages. When Safety Radar is detected the audio alert is geiger counter-like.

Safety Warning System Text
Example: Poor Road Surface:

Note: Not all areas have Safety Warning System transmitters. Visit safety warning system, web page at www.safetyradar.com for SWS locations.

Laser Audio/Visual Alerts

When a laser signal is detected the word "Laser" and signal strength is displayed, the audio alert is continuous for a minimum of 3 seconds. Example:
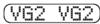
`LASER ▌▐▐▐`

The more "|||" the closer the laser source.

VG-2 Audio/Visual Alerts

Note: You must turn this feature on in option select mode before it will detect VG-2.

When a VG-2 signal is detected, the detector "hides" its own radiated signal and becomes undetectable by the VG-2.

`VG2 VG2`

Text message confirms detection of VG-2.

Every 30 seconds, the detector checks for a VG-2 signal. If a VG-2 signal is still present, the unit continues to hide and repeats the VG-2 alert. If no signal is detected, two beeps are provided, indicating an "all clear" condition. During VG-2 Alert X, K, and Ka band signals cannot be received. (Reference page 26 for VG-2 information.)

Alert Priority

When two or more signals are received at the same time, the alert priority is:

1. NWR Alert (NWR STBY)
2. Laser
3. Speed Radar
4. Safety Radar
5. NWR weather reports (NWR ON)

Example:

If X band is alerting, then suddenly VG-2 is detected, the VG-2 warning will override the X band alert.

22

Reset Features

All user features can be reset to factory settings.

• Unplug Power Cord from unit.
• Press and hold the Power and Quiet buttons.
• Plug Power Cord into unit.
• Wait for 2 beeps.
• Release the Power and Quiet buttons. Unit is now reset.

1. Audio to level (6).
2. Display reads Highway.
3. Dim/Dark Mode to full illumination of display.
4. Auto Quiet Mode OFF.
5. VG-2 Detection Mode OFF.
6. Voice ON.
7. Safety ON.
8. Vehicle Battery Saver ON.
9. Full Power Up sequence.
10. Default TONE 3.
11. Unit ON or OFF.
12. All Band ON.
13. NOAA in Standby Mode.
14. SQ (Squelch) ON

23

Care And Maintenance

During the summer months, avoid prolonged exposure to direct sunlight by removing your unit from the dash when your vehicle is parked for an extended period of time.

Do not spray water, cleaners or polishes directly onto the unit. The spray may penetrate through the openings and damage the unit. Also, do not use any abrasive cleaners on the unit's exterior.

Your Whistler detector is expertly engineered and designed to exacting quality standards to provide you with reliable, trouble-free operation. If your unit has been correctly installed following the guidelines in this manual, but is not operating optimally, please refer to the troubleshooting guide below.

PROBLEM: No display or audio.
- Check fuse in Whistler plug; replace if necessary with a 2 amp 3AG type.
- Check fuse for lighter socket; replace if necessary.
- Make sure lighter socket is clean.

PROBLEM: Unit alarms when vehicle hits bumps.
- Check for loose lighter socket; tighten and clean.
- Check connections at both ends of power cord. Substitute another cord to determine if cord is defective. Return defective cord to the factory.

PROBLEM: Unit alarms when using vehicle equipment, electrical accessories (brakes, power mirrors/windows, directionals, horn, etc.), or when accelerating.
- Vehicle's electrical system, including battery and alternator, may have electrical noise. Install a filter capacitor (470mfd. 25 volt or larger capacitance value) on the back of the lighter socket.

PROBLEM: Audio alerts are not loud enough.
- Cancel Auto Quiet Mode or City Mode.
- Check audio level setting (see page 10 - 13).

PROBLEM: No X band signals.
- Cancel City 2, or turn X band on. (See page 18.)

PROBLEM: Unit gives laser alert when accelerating.
- Possible bad or low quality distributor cap. Replace with high quality cap.

PROBLEM: Not detecting radar/laser signals.
- Make sure that Laser or any one of the radar bands have not been turned off in Option Select mode. (See page 18)

PROBLEM: Not receiving NOAA Signals in "NWR STBY" mode.
- No weather emergencies are reporting in your area.
- Readjust NOAA antenna (may require relocating unit.) Switch to "NWR ON"

If difficulties occur which cannot be solved by information in this Troubleshooting Guide, please call Whistler Consumer Relations at 1-800-531-0004 before returning your unit for service.

In Most States YES!

Laser detectors are completely legal in every state when used in automobiles or light trucks (under 10,000 lbs.). Similarly, when used in automobiles or light trucks, radar detectors are legal in almost every state. Exceptions are Virginia and Washington, D.C., which have local regulations restricting the use of radar receivers in any vehicle.

Concerning trucks over 10,000 lbs., the Federal Highway Administration (FHwA) issued a regulation, effective January, 1994 which prohibits radar and laser detector use in these types of vehicles nationally.

Prior to the FHwA regulation, laws existed in the state of New York restricting the use of radar detectors in trucks over 18,000 lbs. and in Illinois in trucks over 26,000 lbs.

Radar Facts

A radar gun operates by transmitting radio waves at certain frequencies which reflect off objects and are then picked up by the radar gun's receiving section. When a radar beam reflects off a moving target, a measurable frequency shift occurs. The radar unit converts this shift into miles per hour to determine your vehicle's speed.

Currently, the FCC (Federal Communications Commission) permits operation of traffic radar guns at X Band (10.500 - 10.550 GHz), K Band (24.050 - 24.250 GHz), and Ka Band (33.400 - 36.000 GHz).

Note: A radar detector will not alarm if an officer is not transmitting on any one of the above radar bands!

Laser Facts

It's well documented that many radar guns cannot reliably provide the speed of a targeted vehicle that is traveling in a group of vehicles. In contrast, a laser gun can target a specific vehicle out of a line of traffic and determine its speed. The advantage of laser over radar in terms of target identification is the result of the laser gun's narrow beam. A radar transmission can cover more than a four-lane highway at a distance of 1,000 feet, compared with a laser transmission which covers about 3 feet at the same distance.

For best protection, keep these points in mind:

- Because your vehicle's license plate or headlights are the laser gun's primary targets, mounting your Whistler detector on the dashboard can improve laser detection at short range.
- Do not follow closely behind any vehicle you cannot see through. If you can't see past a vehicle ahead of you, chances are your detector won't either.
- The receiving range of your laser detector will not be the same as a radar detector. Laser guns are most often used at short range.

Whistler Laser/Radar detectors receive all current laser guns which operate at a laser wavelength of 905 +/- 10mm.

- Pro Laser™ I II III
- LT1 20-20
- Ultra Lyte

Other Speed Detection Systems

Several techniques other than radar or laser are used to measure vehicle speeds. When these methods are being used, no detector can provide a warning. These techniques include:

• Pacing - A patrol car drives behind you and matches your driving speed.

• Vascar/Aircraft - The time it takes a vehicle to travel a known distance is measured.

Radar Detector Detectors (VG-2)

The Interceptor VG-2, or simply VG-2, is a microwave receiver used by police to detect signals radiated by the local oscillator of a radar detector. Because its purpose is to identify persons driving with radar detectors, the VG-2 is known as a "radar detector detector".

The VG-2 is the primary tool used by the police to identify radar detector equipped vehicles. If caught, in a state where detectors are illegal, (see page 26), drivers risk losing their radar detector and receiving a fine. In addition, instant-on radar is almost always used in combination with a VG-2, leaving unsuspecting motorists vulnerable to receiving two tickets — one potentially for speeding, the other for possession of a detector.

Having a radar detector capable of detecting the VG-2 may alert you to the presence of a speed trap.

Consumer Warranty

This radar/laser Whistler detector is warranted to the original purchaser for a period of one year from the date of original purchase against all defects in materials and workmanship. **This limited warranty is void if the unit is abused, modified, installed improperly, if the housing has been removed, or if the serial number is missing.** There are no express warranties covering this product other than those set forth in this warranty. All express or implied warranties for this product are limited to one year. Whistler is not liable for damages arising from the use, misuse, or operation of this product.

Service Under Warranty

During the warranty period, defective units will be repaired or replaced (with the same or a comparable model), at Whistler's option, without charge to the purchaser when returned prepaid, with dated proof of purchase to the address below. Units returned without dated proof of purchase will be handled as described in section "Service Out Of Warranty." Due to the specialized equipment necessary for testing a radar/laser receiver, there are no authorized service stations for Whistler brand detectors other than the factory.

When returning a unit for service under warranty, please follow these instructions:

1. Ship the unit in the original carton or in a suitable sturdy equivalent, fully insured, with return receipt requested, and shipping charges prepaid to:

Whistler Repair Dept.
1201 North Dixieland Rd.
Rogers, AR. 72756

IMPORTANT: Whistler will not assume responsibility for loss or damage incurred in shipping. Therefore, please ship your unit insured with return receipt requested.

2. Include with your unit the following information, clearly printed:
• Your name and street address (for shipping via UPS), and a daytime telephone number. (No P.O. Box please.)
• A detailed description of the problem (e.g., "Unit per forms self-test but does not respond to radar").
• A copy of your dated proof of purchase or bill of sale.
3. Be certain your unit is returned with its serial number. For reference, please write your unit's serial number in the following space: s/n _____.
Units without serial numbers are not covered under warranty.

IMPORTANT: To validate that your unit is within the warranty period, make sure you keep a copy of your dated proof of purchase and return the Warranty Validation card.

Service Out Of Warranty
Units will be repaired at "out of warranty" service rates when:
• The unit's original warranty has expired.
• Dated proof of purchase is not supplied.
• The unit has been returned without its serial number.
• The unit has been abused, modified, installed improperly, or had its housing removed.
The minimum out of warranty service fee for your Whistler detector is $65.00 (U.S.). If you require out of warranty service, please return your unit as outlined in the section "Service Under Warranty" along with a certified check or money order for $65.00. Payment may also be made by MasterCard or VISA; **personal checks are not accepted.** In the event repairs cannot be covered by the minimum $65.00 service fee, you will be contacted by a Whistler technical service specialist who will outline options available to you. If you elect not to have your unit repaired/replaced, it will be returned to you along with your certified check or money order.

IMPORTANT: When returning your unit for service, be certain to include a daytime telephone number.

Consumer Relations
If you have questions concerning the operation of your Whistler detector, or require service during or after the warranty period, please call Consumer Relations at 1-800-531-0004. Representatives are available to answer your questions Monday - Friday from 8:00 a.m. to 5:00 p.m. (CT).

SPECIFICATIONS

- **Dimensions:** 1.6″ H x 4.7″ W x 4″ L

- **Weight:** 7.5 oz.

- **Laser Wavelength:**
905 ± 50 nanometers (nm)

- **Radar Frequencies:**
10.500 - 10.550 GHz (X Band)
24.050 - 24.250 GHz (K Band)
33.400 - 36.000 GHz (Ka Superwideband)

- **NOAA Frequencies:**
162.400 MHz
162.425 MHz
162.450 MHz
162.475 MHz
162.500 MHz
162.525 MHz
162.550 MHz

- **Operating Temperature Range:**
-20˚ C to +80˚ C (-4˚ F to +176˚ F)

- **Power Requirements:**
Operational 12 to 15 volts DC, 250mA nominal
Vehicle Battery Saver, 30mA nominal.

One or more U.S. patents apply: #5,146,227; #5,379,456; 5,666,120 and #5,990,821.

Specifications are subject to change without notice.

FCC INFORMATION

Note of Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 if the FCC Rules. This limits are designed to provide reasonable protection against harmful interference. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

Product:	Radar Detector
Model:	DE1770
Responsible Party:	The Whistler Group
13016 North Walton Blvd.
Bentonville, AR 72712
Phone:	1-501-273-6012

FCC INFORMATION

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the inter-ference by one of more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Consult the dealer or an experienced radio/TV technician for help.

ACCESSORIES

The following accessories can be ordered directly from Whistler by calling 1-800-531-0004, by mailing in the order form or using our online store www.whistlergroup.com.

Order Code	Description	Price
202138	Visor Bracket	$ 6.95
202140	Windshield Bracket Kit	$ 9.95
206294	*Modular Lighter Plug **(Requires 206550 or 206551)**	$ 7.95
206550	*Modular Straight Power Cord (5') **(Requires 206294)**	$ 6.95
206551	*Modular Coiled Power Cord (7') **(Requires 206294)**	$ 7.95
206552	Straight Power Cord (5')	$ 14.95
206553	Coiled Power Cord (7')	$ 15.95
206879	Hook & Loop	$ 1.95
206880	Hardwire Kit (10') (for wiring to fuse box)	$ 9.95
203283	Socket Multiplier **(Requires 206550 or 206551)**	$ 9.95

*Modular: interconnecting pieces cord and plug.
Shipping and handling (per order) $5.00
Prices are subject to change without notice.

ACCESSORY ORDER FORM

PLEASE SHIP TO:

Name_____

Street_____

City_____State_____Zip_____

Telephone Number (_____) _____

Order Code/Description	Quantity	Total Price
		$
Subtotal		
Sales Tax (if Applicable)		
Shipping and Handling*		$ 5.00
Total Enclosed		$

SEND ORDER FORM WITH CERTIFIED CHECK OR MONEY ORDER TO:

Whistler CTS
PO Box 1844
Bentonville, AR 72712

IF PAYING BY MASTERCARD OR VISA PLEASE PROVIDE:

Type of card ___MasterCard ___Visa ___American Express

Name on Card_____

Card Number_____

Expiration Date_____

Cardholder Signature_____

*For expedited shipping costs, contact Whistler Customer Service, **1-800-531-0004**